

STATE OF DELAWARE
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

BORING RB #3

Project Name:
State Contract #: P231-04
Station/Offset:
Boring Surface Elev.: 214.4
Date Started:

Location:
Federal Contract #:
Northing:
Reference: MSL
Date Completed:
Easting:

Wt. of Sample Hammer: 140	Lbs.	Average Fall: 30"	IN.
Type of: D-Sampler: split-barrel	O.D.	O.D. of Sampler: 2	IN.
S-Sampler: California	O.D.	O.D. of Samp. Tube: 3	IN.
U-Sampler: TX	O.D.	O.D. of Samp. Tube: 2.5"	IN.
Core Bit: NX	O.D.	O.D. of Rock Core: 1.5"	IN.

Hollow Stem Auger: Inches **From Depth of:** 0.5 **To:** 6'
Mud Rotary: **From Depth of:** **To:**

Water Level Readings	Depth of Water (ft)	Caved Depth (ft)
Date		
23.Jan.2005	8.2'	
24.Jan.2005	9.4'	
30.Jan.2005	10.4'	
2.Feb.2005	8.9'	

Boring Contractor: XYZ Corporation
Driller: Keith

Equipment/Rig Type:
Logged By:

Depth (ft.)	Water Level	No.	Sample Depth	Blows/6"	Sample Description	AASHTO Class.	Remarks
		S-1				A-4(4)	
		1	1.0'	3 5 2	Wet loose dark brown silty gravel and fine sand w/ some coarse sand.	A-2-4 (0)	
2.5			2.5'		12" RECOVERY		
		2	2.5'	6 6 4	Wet loose dark brown silty gravel w/ some fine to coarse sand.	A-1-b (0)	
			4.0'		2" RECOVERY		
		3	4.0'	3 3 3 4	Saturated loose dark brown silty fine sand w/some coarse sand and gravel.	A-2-4 (0)	
5			6.0'		17" RECOVERY		
		4	6.0'	5 5 5 5	Saturated stiff brown fine sandy silt w/some coarse sand and gravel.	A-4 (0)	
7.5			8.0'		19" RECOVERY		
	▽		8.0'	5 23 38 34	Saturated very dense brown gravel w/some fine to coarse sand, trace of silt.	A-1-a (0)	Encountered significant drill chatter.
10	▽		10.0'		16" RECOVERY		
	▽						
12.5							

Remarks: Boring was backfilled after 30 days.

Reviewed By: Frank

Soils Supervisor: James